

1. Identification

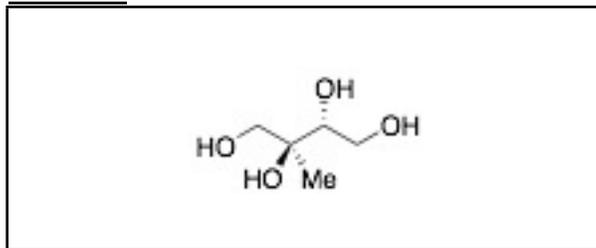
Catalogue Number

M295075

Lot Number

16-JWA-42-4

Structure



Product Name

(2S,3R)-2-Methyl-1,2,3,4-butanetetrol

Synonyms

[R-(R*,S*)]-2-Methyl-1,2,3,4-butanetetrol; 2-C-Methyl-D-erythritol

CAS Number

58698-37-6

Solubility

Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₅H₁₂O₄

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

136.15

Purity

95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Brown Thick Oil to Gel

Results

Clear Brown Thick Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 38.71, %H: 8.22

HPLC Purity

Report Result

99.84% (ELSD)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

7/31/2024

Retest Date

7/29/2028

Swathi Reddy

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate